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Archeological and Historic Data Recovery Program

Fiscal
Year
1975

National Park Service
U.S. Department of the Interior

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Archeological and Historic Data Recovery Program

Fiscal Year 1975

Submitted pursuant to Section 5(c) of Public Law 93-291 to the Interior and Insular Affairs Committees of the Senate and House of Representatives of the United States.

Introduction

The Archeological and Historic Preservation Act of 1974 (Public Law 93-291; 16 U.S.C. 469a-1) places liability for mitigation of damage or destruction of the Nation's archeological and historic resources caused by Federal and federally-related construction projects directly on agencies responsible for such projects. It specifically authorizes Federal agencies to undertake data recovery activities in advance of construction projects, to transfer to the Secretary of the Interior up to 1 percent of those funds authorized to be appropriated for a project, program, or activity, or to seek funding assistance from the Secretary of the Interior for such investigations. The Secretary of the Interior is responsible both for coordinating all Federal data recovery activities to assure a uniform Federal effort and reporting annually to the Congress on the scope and effectiveness of this program. The National Park Service has been delegated the responsibility for administering these functions under the Act.

It is the policy of the Department of the Interior to implement the Archeological and Historic Preservation Act in a manner consistent with existing environmental statutes to which all Federal agencies are subject. These are primarily the Antiquities Act of 1906, the Historic Sites Act of 1935, the National Historic Preservation Act of 1966, the National Environmental Policy Act of 1969, and Executive Order 11593. Until agencies complete environmental planning procedures relative to these statutes, the possibility that "significant scientific, prehistoric, historic, or archeological data might be irrevocably lost or destroyed" will in most situations remain speculative. If in the course of environmental planning it is determined that such data may not be lost or destroyed, the Department believes that the preservation of these data *in situ* is more preferable than their recovery through archeological investigation.

Scope and Effectiveness of the Program

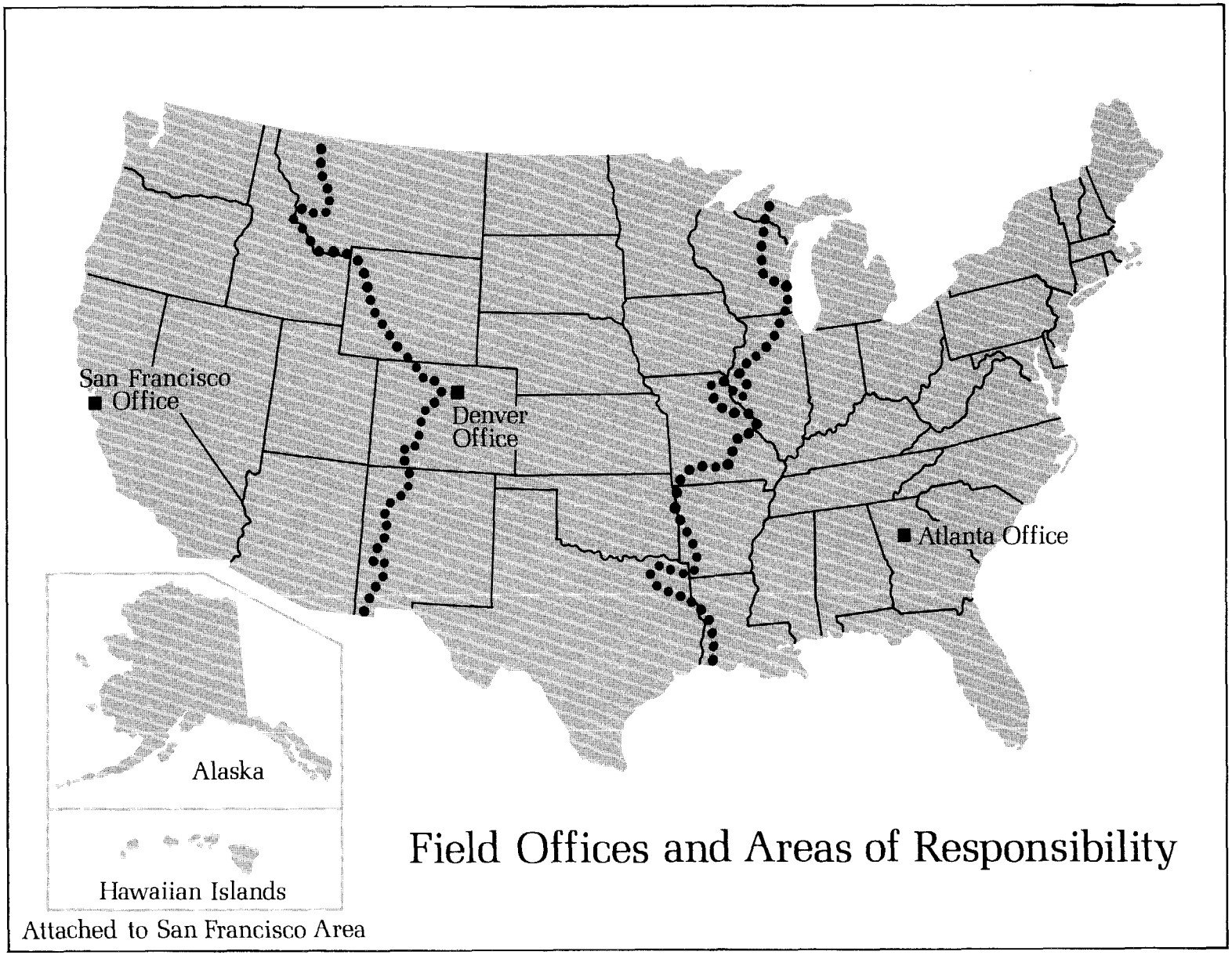
A statement setting forth the basic policy approach of the Department of the Interior to implementation of Public Law 93-291 has been circulated for review by all Federal agencies and by all State Historic Preservation Officers to insure as uniform and feasible an application of the law as possible.

In conjunction with this statement of program approach and in order to facilitate coordination of the overall program, the National Park Service is developing guidelines for: (1) the recovery of archeological and historic data; (2) the preparation of professional reports to disseminate information recovered under Public Law 93-291 authority; and (3) minimum qualifications for professional researchers and institutions engaging in Public Law 93-291 data recovery activities. Once these guidelines have been disseminated, Federal agencies may be expected to intensify their efforts to establish sound cultural resource identification, evaluation, and mitigation procedures within agency planning frameworks. In addition, the National Park Service and the Advisory Council on Historic Preservation are currently developing coordination measures which will facilitate agency compliance with the consultation and review procedures of the Council (36 CFR 800).

During Fiscal Year 1975, many agencies were not able to discharge their Public Law 93-291 responsibilities because necessary funds were unavailable through the normal budgetary process. Consequently, the National Park Service has conducted needed data recovery investigations associated with a wide spectrum of Federal activities that in the future will be funded by the agencies that are directly responsible for adverse impacts on cultural resources. These investigations include archeological survey, testing, and excavation conducted concurrently with project construction. National Park Service support of archeological data recovery will necessarily continue until all Federal agencies are able to adjust their planning procedures and budgetary requirements so that they will be fully responsive to the needs created by their projects or activities.

In preparation for increased responsibilities under the Act, the National Park Service has established field liaison offices of its Interagency Archeological Services Division in Atlanta, Georgia; Denver, Colorado; and San Francisco, California. Each is staffed with experienced professional archeologists obtained through realignment of existing authorized personnel positions. Each office administers the program in approximately one-third of the nation, the boundaries for which are drawn to correspond closely with those of Federal land-developing agencies in order to simplify coordination (see Map). Through workshops, conferences, and consultations the professional staff of the Interagency Archeological Services Division advises Federal agencies and the archeological community on technical and procedural matters so that recovery of data may proceed smoothly in accordance with existing laws and policies and in a manner supportive of basic agency missions. In addition, these liaison offices negotiate and administer contracts with qualified institutions and organizations for Public Law 93-291 investigations.

During and after the current transitional period in which guidelines are being formulated and Federal agencies are adjusting planning and budgetary requirements to carry out their responsibilities for preservation of archeological and historic remains, the level of data recovery conducted under the authority of Public Law 93-291 is expected to rise significantly. To handle this increase effectively, the National Park Service will require full appropriations authorized by Sections 7(b) and 7(c) of the Act. In addition, the Service must be able to respond to an increasing number of requests for technical advice from the field offices of other Federal agencies. Service liaison activities concerning mitigative measures to be taken and professional monitoring



Field Offices and Areas of Responsibility

of data recovery activities are expected to increase substantially during the 1976 fiscal year.

During Fiscal Year 1975, a total of $2,396,700 was obligated by the Federal Government for data recovery activities carried out under Public Law 93-291 authority. Tables 1-4 provide details on specific projects funded, their locations, and the Federal agencies involved. These projects may be categorized according to three methods of funding: (1) those undertaken with National Park Service funds; (2) those administered by the National Park Service with funds transferred from other Federal agencies; and (3) those directly administered by other Federal agencies. The National Park Service executed 55 contracts totaling $1,141,600 while 25 contracts totaling $783,800 were negotiated by the Service with transferred funds. Additionally, six contracts totaling $200,400 were jointly funded from National Park Service appropriations and transferred funds. Eighteen archeological investigations totaling $270,000 were directly sponsored by other Federal agencies.

Program Results

Because few (10 percent) of the Public Law 93-291 investigations undertaken during the 1975 Fiscal Year have been completed no meaningful assessment of the results can be made. Many of the mitigation projects are only now in the fieldwork stages; most await completion of analysis and report preparation. When the necessary information is available three approaches will be used to assess the overall Federal data recovery program. First, the effectiveness of individual recovery efforts will be evaluated according to accepted professional archeological standards for recovery and reporting. Second, we will attempt to determine the extent of continuing destruction of significant resources in order to compare the total scope of Public Law 93-291 recovery efforts against the ongoing rate of resource loss. Third, the adequacy of the 1 percent funding limit will be examined on a project-specific basis. Information collection measures are being instituted by the National Park Service to obtain such data for use in the next annual report to Congress on the Public Law 93-291 data recovery program.

Final reports of investigations conducted under the authority of Public Law 93-291 are few in number at this early stage of the program.

Space Transportation System, California

The National Park Service has initiated an archeological testing program on a number of prehistoric sites located in the area of a proposed space shuttle launching and landing facility, using funds transferred to the Secretary of the Interior by the Department of the Air Force. This general area represents perhaps the last of those undisturbed by development along the Southern California coast. Test excavations, carried out by the University of California at Santa Barbara, revealed that these sites possess some of the most extensive archeological deposits in the region. As a result of this work archeologists now believe that controlled excavation of these sites will yield considerable new information on the diet of Southern California Indians as well as the climate in which they lived.

Lind Coulee Irrigation System, Washington

To mitigate the effects of tailwater irrigation discharge the Bureau of Reclamation has sponsored extensive excavation by Washington State University of an important Paleo-Indian site dating around 10,000 B.C. that is being damaged by a rising water table. Periodic excavations since the 1940's have revealed an alarming increase in the proportion of unique, perishable artifacts that are disintegrating due to groundwater percolation. Work is still in progress, but it is expected to provide a significant amount of new information on this previously unknown aspect of Paleo-Indian technology.

Madelaine Island Sewer Construction, Wisconsin

The National Park Service has funded the investigation by Beloit College of an extensive archeological site in La Pointe threatened by a Farmer's Home Administration-assisted sewage disposal system. Excavation of a 1200 foot trench through the site has produced a series of discrete artifact concentrations that may represent as many as four Indian and European occupations ranging from early Historic times to the middle of the nineteenth century. Included among the artifacts recovered are rare perishable items such as barkwork objects and textile garments with beadwork patterns. The evidence in general relates to Protestant mission activities of the mid-1800's, a Catholic mission between 1810 and 1850, an occupation by Huron or Ottawa Indians in early Historic times, and a French fort dating around 1715.

Archeologists believe that this site will contribute substantially to the historical records for the island and will add much to our understanding of the full sequence of Indian and European occupation after the early Historic period. In addition, it appears that this site will yield important new information on the role of this island and adjacent islands in early fur trade activities.

Summary

Having just begun, data recovery efforts conducted under the authority of Public Law 93-291 cannot be meaningfully evaluated as to their effectiveness. Information presented in Tables 1-4 does, however, demonstrate that Federal agencies are making serious efforts to meet their responsibilities for preservation of the Nation's archeological and historic cultural heritage. Because the mechanisms for implementing these responsibilities are so new, many agencies have not yet been fully able to respond to the needs generated by their programs. Accordingly, the National Park Service has carried out a wide range of data recovery activities in their stead. As agencies begin to mesh their planning procedures and budgetary processes with the requirements of Federal historic preservation laws, the level of Public Law 93-291 activities is expected to be more in phase with actual needs. Toward this end, the National Park Service has established offices with experienced professional archeologists to facilitate field coordination with Federal agencies and to provide technical leadership and quality control in this important program.

Table 1
Fiscal Year 1975 Public Law 93-291 Investigations Funded with National Park Service Appropriations

Project and Agency	Contractor	Cost	Nature of Investigation	Stage of Completion
ALABAMA				
Dauphin Island Section 10 permit action (Corps of Engineers)	University of Alabama	$ 4,987	Excavation	Report in preparation
ARKANSAS				
Felsenthal Lock and Dam (Corps of Engineers)	University of Arkansas	16,494	Survey and testing	Fieldwork in progress
CALIFORNIA				
Hidden Reservoir (Corps of Engineers)	California State University--Long Beach	99,503	Excavation	Fieldwork in progress

Table 1 (cont.)

Project and Agency	Contractor	Cost	Nature of Investigation	Stage of Completion
COLORADO				
Chatfield Reservoir (Corps of Engineers)	University of Denver	$ 10,000	Testing and excavation	Fieldwork in progress
FLORIDA				
Lake Okeechobee (Corps of Engineers)	Florida State University	1,500	Survey	Final report completed
GEORGIA				
Sperill Bluff Lake (Corps of Engineers)	West Georgia College	500	Survey and testing	Final report completed
ILLINOIS				
Coal and Crane Creeks Watershed (Soil Conservation Service)	Illinois State Museum	4,175	Excavation	Report in preparation
East St. Louis & Vicinity Local Protection (Corps of Engineers)	Southern Illinois University—Edwardsville	11,000	Testing and excavation	Report in preparation
INDIANA				
Island Levee Local Protection (Corps of Engineers)	Indiana State University	10,000	Excavation	Report in preparation
Patoka Reservoir (Corps of Engineers)	Indiana University	6,000	Testing and excavation	Report in preparation
IOWA				
Saylorville Reservoir (Corps of Engineers)	Iowa State University	20,000	Excavation	Fieldwork not initiated
KANSAS				
Milford Reservoir (Corps of Engineers)	Kansas State University	5,000	Survey and testing	Fieldwork in progress
KENTUCKY				
Taylorsville Lake (Corps of Engineers)	University of Kentucky	3,500	Survey and testing	Fieldwork in progress
MISSISSIPPI				
Tennessee-Tombigbee Waterways, Columbus Lock and Dam (Corps of Engineers)	Mississippi State University	21,990	Survey and testing	Report in preparation
MISSOURI				
Long Branch Reservoir (Corps of Engineers)	University of Missouri	11,500	Testing and excavation	Fieldwork in progress
MONTANA				
Fresno Reservoir (Bureau of Reclamation)	University of Montana	18,300	Testing	Report in preparation
Tiber Reservoir (Bureau of Reclamation)	Montana State University	18,000	Testing	Report in preparation

Table 1 (cont.)

Project and Agency	Contractor	Cost	Nature of Investigation	Stage of Completion
NEW JERSEY				
Tocks Island Lake (Corps of Engineers)	New Jersey State Museum	$ 31,500	Excavation	Report in preparation
NEW MEXICO				
Abiquiu Reservoir (Corps of Engineers)	School of American Research	22,324	Two separate contracts for survey and testing activities	Final report on one phase of research is completed; other report in preparation
Cochiti Reservoir (Corps of Engineers)	NPS Southwest Regional Office and the University of New Mexico	248,137	Three separate projects involving survey, testing, and excavation	Fieldwork in progress
Los Esteros Reservoir (Corps of Engineers)	Southern Methodist University	56,600	Testing	Fieldwork in progress
NORTH DAKOTA				
Garrison Reservoir (Corps of Engineers)	University of North Dakota	14,597	Survey and testing	Report in preparation
Tewaukon National Wildlife Refuge (Fish & Wildlife Service)	University of North Dakota	5,000	Testing	Report in preparation
OHIO				
Dillon Reservoir (Corps of Engineers)	Ohio Historical Society	15,000	Excavation	Report in preparation
Newfields's New Community (Housing and Urban Development)	Wright State University	1,495.20	Testing	Fieldwork in progress
Paint Creek Lake (Corps of Engineers)	Ohio Historical Society	5,000	Excavation	Report in preparation
OKLAHOMA				
Fort Cobb Laterals (Soil Conservation Service)	Archeological Research Associates	3,805.50	Excavation	Report in preparation
Kaw Reservoir (Corps of Engineers)	University of Oklahoma	45,000	Excavation	Fieldwork in progress
OREGON				
Elk Creek Reservoir (Corps of Engineers)	Oregon State University	2,500	Survey and testing	Report in preparation
SOUTH CAROLINA				
Trotters Shoals Lake (Corps of Engineers)	University of South Carolina	10,000	Survey and testing	Fieldwork in progress
TENNESSEE				
Columbia Lake (Tennessee Valley Authority)	University of Tennessee	10,000	Analysis of collections	Report in preparation
Normandy Lake (Tennessee Valley Authority)	University of Tennessee	25,050	Survey and testing	Fieldwork in progress
Tellico Reservoir (Tennessee Valley Authority)	University of Tennessee	75,000	Three separate contracts for excavation	Fieldwork in progress

Table 1 (cont.)

Project and Agency	Contractor	Cost	Nature of Investigation	Stage of Completion
TEXAS				
Aubrey Reservoir (Corps of Engineers)	Southern Methodist University	$ 2,500	Survey	Fieldwork in progress
Cooper Reservoir (Corps of Engineers)	Southern Methodist University	45,000	Testing	Fieldwork in progress
Lakeview-Lavon Reservoirs (Corps of Engineers)	Southern Methodist University	2,500	Surveying	Fieldwork in progress
Lavon Reservoir (Corps of Engineers)	Southern Methodist University	31,500	Analysis of collections	Report in preparation
Red Deer Creek Watershed (Soil Conservation Service)	West Texas State University	10,000	Testing	Fieldwork in progress
Tennessee Colony Reservoir (Corps of Engineers)	Southern Methodist University	25,000	Survey	Fieldwork in progress
Wallisville Reservoir (Corps of Engineers)	NPS Southwest Regional Office	16,000	Analysis of collections	Report in preparation
WASHINGTON				
Bonneville Dam (Corps of Engineers)	University of Washington	36,464	Survey and testing	Fieldwork in progress
Chief Joseph Reservoir (Corps of Engineers)	Washington State University	23,000	Survey and testing	Fieldwork in progress
Ozette Village (Makah Tribe)	Washington State University	10,000	Excavation	Report in preparation
WEST VIRGINIA				
Tygart Lake (Corps of Engineers)	West Virginia Geological and Economic Survey	21,792	Survey, testing, and excavation	Fieldwork in progress
Wheeling Creek Watershed (Soil Conservation Service)	West Virginia Geological and Economic Survey	7,300	Excavation	Report in preparation
WISCONSIN				
Madeline Island Sewer Construction (Farmer's Home Administration; Corps of Engineers)	Beloit College	45,000	Excavation	Report in preparation
Tri-Creek Watershed (Soil Conservation Service)	University of Wisconsin at Stevens Point	6,000	Testing	Report in preparation
PROJECTS OF A SCOPE NOT SPECIFIC TO ANY PARTICULAR STATE OR AGENCY				
Archeomagnetic Dating	University of Oklahoma	2,500	Analysis of collections	Report in preparation
Inundation Effects Study	NPS Southwest Regional Office (coordinator)	16,091	Study of effects of inundation on archeological remains; sponsored by multiple agencies	Research design in preparation
Southwestern Paleoclimate Study	University of Arizona	7,500		Report in preparation

Table 2
Fiscal Year 1975 Public Law 93-291 Investigations Funded through Transfer of Monies to the National Park Service

Project and Agency	Contractor	Cost	Nature of Investigation	Stage of Completion
ALABAMA				
Tennessee-Tombigbee Waterway, Demopolous/ Gainesville Locks and Dams (Corps of Engineers)	University of Alabama	$ 14,500	Survey and testing	Fieldwork in progress
ARIZONA				
Buttes Reservoir (Bureau of Reclamation)	Arizona State Museum	63,104	Survey and testing	Fieldwork in progress
CALIFORNIA				
Vandenberg Air Force Base (U.S. Air Force)	University of California—Santa Barbara	73,381	Survey and testing	Final report completed
Warm Springs Reservoir (Corps of Engineers)	University of California—Davis	141,553	Survey and testing	Report in preparation
COLORADO				
Trinidad Reservoir (Corps of Engineers)	Trinidad State Junior College	41,213	Excavation	Fieldwork in progress
IDAHO				
Salmon Falls Division (Bureau of Reclamation)	Idaho State University	7,448	Survey and testing	Report in preparation
KANSAS				
El Dorado Reservoir (Corps of Engineers)	University of Kansas	22,500	Survey, testing, and excavation	Report in preparation
KENTUCKY				
Paintsville Lake (Corps of Engineers)	University of Kentucky	5,000	Survey and testing	Report in preparation
Yatesville Lake (Corps of Engineers)	University of Kentucky	15,000	Survey and testing	Report in preparation
MISSISSIPPI				
Tennessee-Tombigbee Waterway, Canal Section; (Corps of Engineers)	Mississippi State University	15,000	Survey and testing	Report in preparation
Tennessee-Tombigbee Divide Cut (Corps of Engineers)	University of Mississippi	19,055.30	Survey and testing	Report in preparation
Luxapalila Lake (Corps of Engineers)	Mississippi Department of Archives & History	10,000	Survey and testing	Report in preparation
Tallahala Lake (Corps of Engineers)	Mississippi State University	8,000	Survey and testing	Report in preparation
NEW MEXICO				
Brantley Reservoir (Bureau of Reclamation)	Southern Methodist University	125,000	Excavation	Fieldwork in progress

Table 2 (cont.)

Project and Agency	Contractor	Cost	Nature of Investigation	Stage of Completion
OKLAHOMA				
Birch Lake (Corps of Engineers)	Not yet selected	$ 11,000	Testing	Not yet initiated
Clayton Lake (Corps of Engineers)	Not yet selected	18,700	Testing	Not yet initiated
Copan Lake (Corps of Engineers)	Net yet selected	27,500	Testing and excavation	Not yet initiated
Optima Reservoir (Corps of Engineers)	Archeological Research Associates	10,980	Testing	Literary background research in progress
Skiatook Reservoir (Corps of Engineers)	Not yet selected	18,700	Testing	Not yet initiated
Waurika Lake (Corps of Engineers)	Not yet selected	44,000	Testing	Not yet initiated
TEXAS				
Laneport and Northfork Reservoirs (Corps of Engineers)	Texas Archeological Salvage Program	27,500	Survey and testing	Not yet initiated
Aquilla Lake (Corps of Engineers)	Southern Methodist University	49,500	Survey and testing	Report in preparation
WASHINGTON				
Grand Coulee Dam (Bureau of Reclamation)	Washington State University	2,000	Survey	Report in preparation
Touchet Division (Bureau of Reclamation)	Washington State University	7,500	Survey and testing	Report in preparation
OREGON				
Tualatin Irrigation District (Bureau of Reclamation)	Oregon State University	5,650	Survey and testing	Report in preparation

Table 3
Fiscal Year 1975 Public Law 93-291 Investigations Jointly Funded by National Park Service and Other Federal Agencies

Project and Agency	Contractor	Cost NPS/other agency	Nature of Investigation	Stage of Completion
CALIFORNIA				
New Melones Reservoir (Corps of Engineers)	San Francisco State University	$6,200/$94,159	Survey and testing	Fieldwork in progress
KANSAS				
Tuttle Creek Reservoir (Corps of Engineers)	University of Kansas	15,000/5,000	Excavation	Report in preparation
MISSISSIPPI				
Tennessee-Tombigbee Waterway Columbus Lock and Dam (Corps of Engineers)	Mississippi State University	2,949/2,500	Survey and testing	Report in preparation
NEW MEXICO				
Abiquiu Reservoir (Corps of Engineers)	School of American Research	27,412/2,263	Survey, testing, and excavation	Report in preparation
Nambe Falls Reservoir (Corps of Engineers)	Southern Methodist University	12,000/17,644	Excavation	Report in preparation
WASHINGTON				
Lower Granite Reservoir (Corps of Engineers)	Washington State University	5,000/10,252	Excavation	Fieldwork in progress

Table 4
Fiscal Year 1975 Public Law 93-291 Investigations Sponsored Directly by Other Federal Agencies

Project and Agency	Contractor	Cost	Nature of Investigation	Stage of Completion
ALASKA				
Snettishum Power Line Relocation (Corps of Engineers)	State of Alaska	$ 4,771	Survey and testing	Final report completed
Upper Susitna River Basin (Corps of Engineers)	State of Alaska	20,000	Survey and testing	Final report completed
ARIZONA				
Gila Floodway (Corps of Engineers)	Arizona State Museum	2,200	Survey and testing	Final report completed
CALIFORNIA				
Calleguas Creek Reservoir (Corps of Engineers)	University of California–Los Angeles	4,500	Survey and testing	Final report completed
Chester-North Fork Feather River Reservoir (Corps of Engineers)	California State University–Chico	4,632.59	Survey and testing	Fieldwork in progress
Cucamonga Creek Channelization (Corps of Engineers)	San Bernadino County Museum	500	Survey and testing	Final report completed
Georgiana Slough Levee (Corps of Engineers)	California State University–Sacramento	29,388	Survey and testing	Fieldwork in progress
Marysville Lake (Corps of Engineers)	California State University–Sacramento	86,139.57	Survey and testing	Fieldwork in progress
Mission Valley Channelization (Corps of Engineers)	San Diego State University	4,500	Survey and testing	Final report completed
Santa Ana River Channelization (Corps of Engineers)	University of California–Riverside	9,898	Survey and testing	Fieldwork in progress
IDAHO				
Blacktail Reservoir (Corps of Engineers)	Idaho State University	20,000	Survey and testing	Fieldwork in progress
KANSAS				
Harry S. Truman Reservoir (Corps of Engineers)	University of Missouri	21,000	Two purchase orders and one contract initiating an ongoing survey program	Fieldwork in progress
Hillsdale Reservoir (Corps of Engineers)	Wichita State University	15,400	Survey and testing	Fieldwork in progress
Smithville Reservoir (Corps of Engineers)	Kansas State University	9,996	Survey, testing, and excavation	Report in preparation
WASHINGTON				
Lind Coulee Irrigation System (Brueau of Reclamation)	Washington State University	18,000	Excavation	Fieldwork in progress
Tucannon Burial Relocation (Corps of Engineers)	University of Idaho	20,000	Survey and testing	Report in preparation

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